

428 141

5324566

FIG. 1

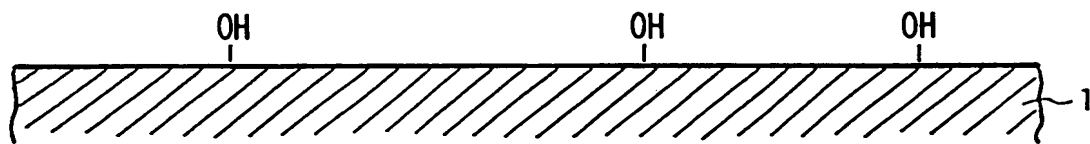


FIG. 2

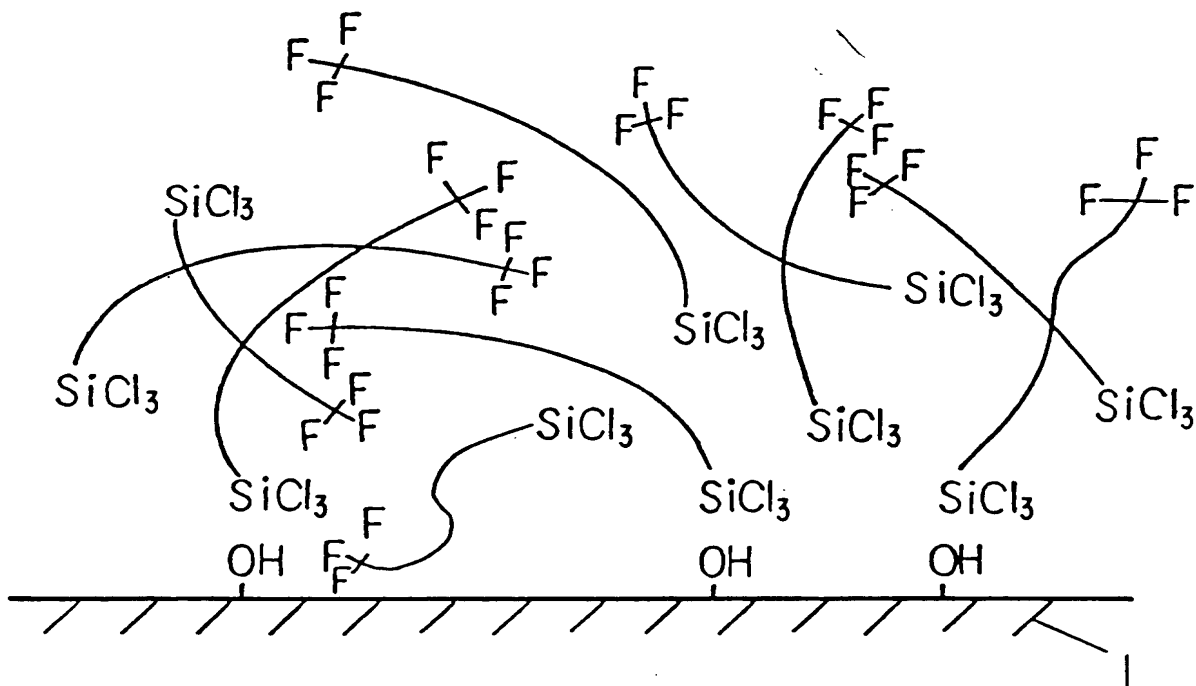


FIG. 3

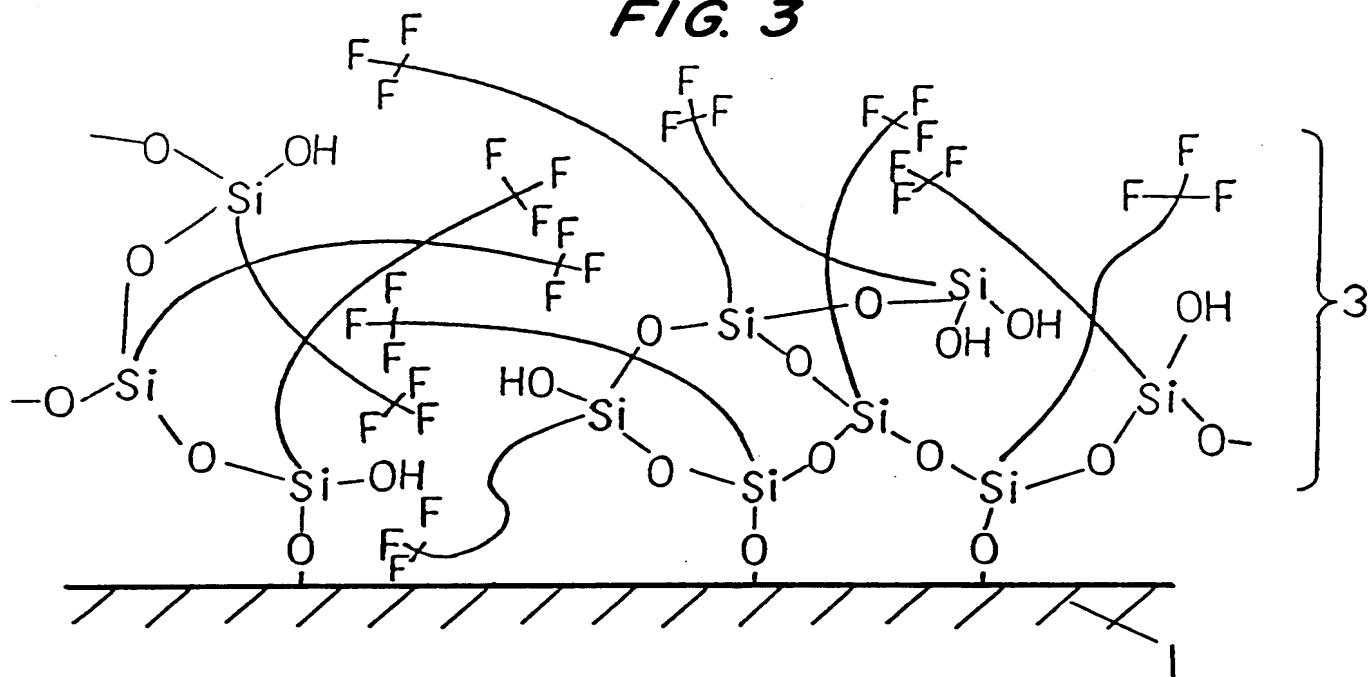


FIG. 4

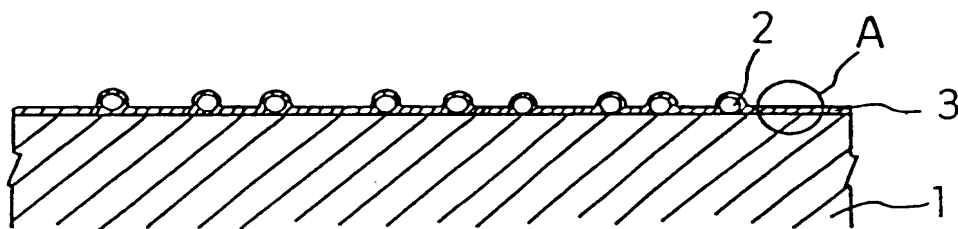
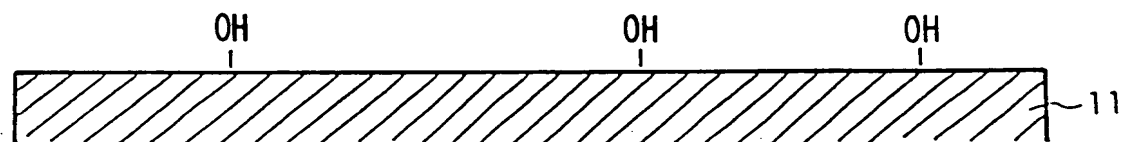


FIG. 5



The diagram shows a fluorinated siloxane polymer chain, represented by a series of silicon (Si) atoms connected by oxygen (O) atoms in a chain-like structure. Each silicon atom is also bonded to fluorine (F) atoms and hydroxyl (OH) groups. The chain is shown interacting with a surface, indicated by a horizontal line with diagonal hatching at the bottom. A bracket on the right side of the chain is labeled '13', indicating the number of repeating units or a specific segment of the chain.

FIG. 8

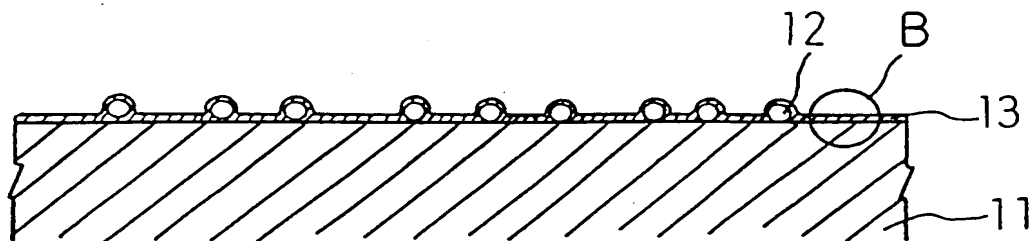


FIG. 9

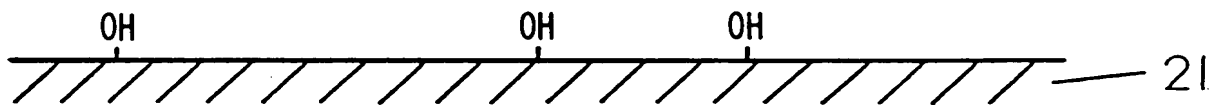


FIG. 10

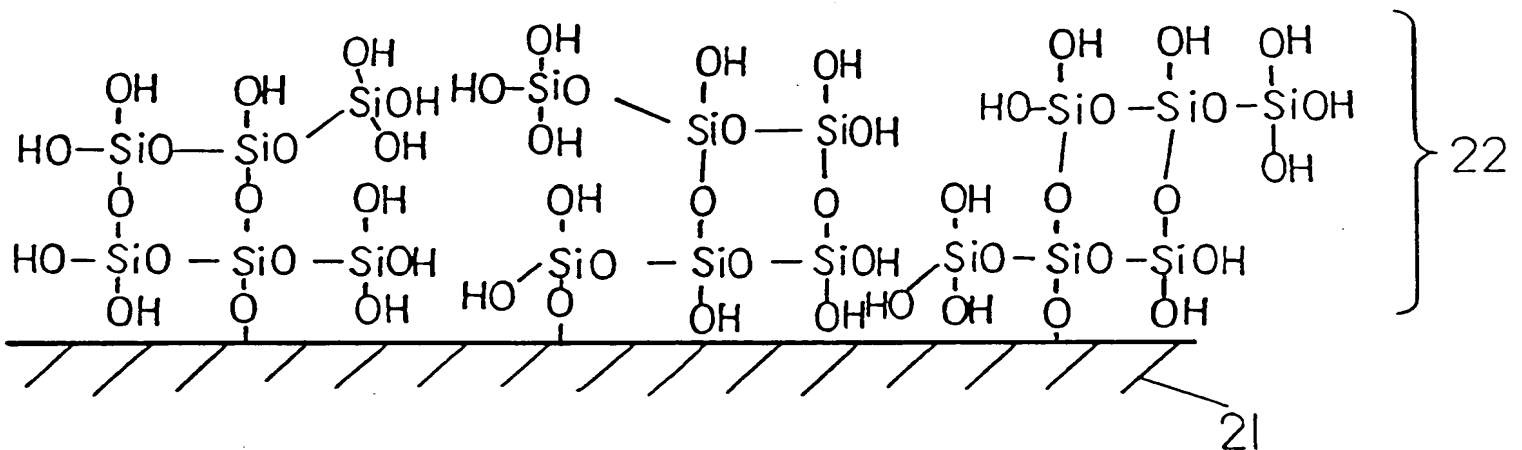


FIG. 11

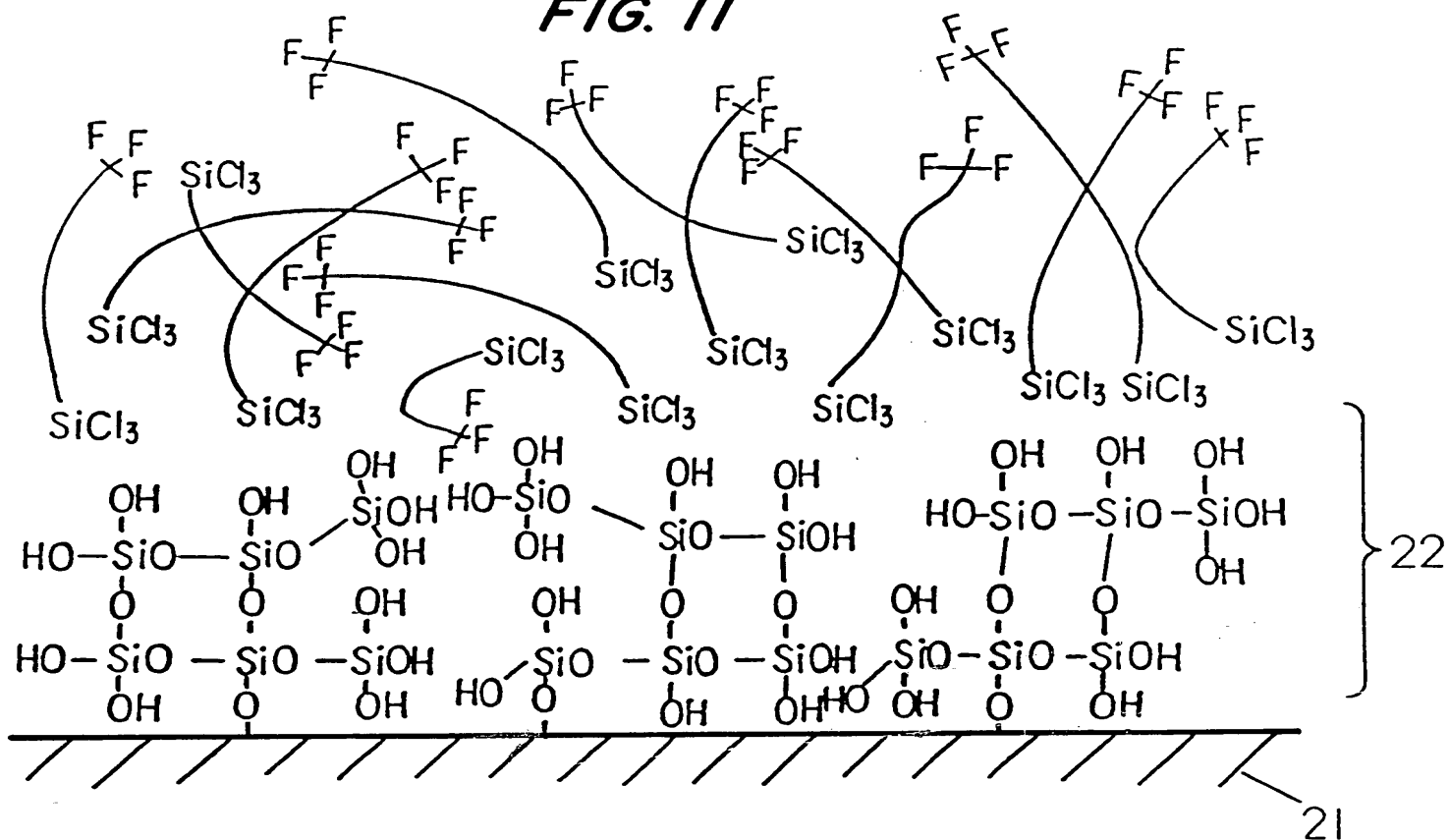


FIG. 12

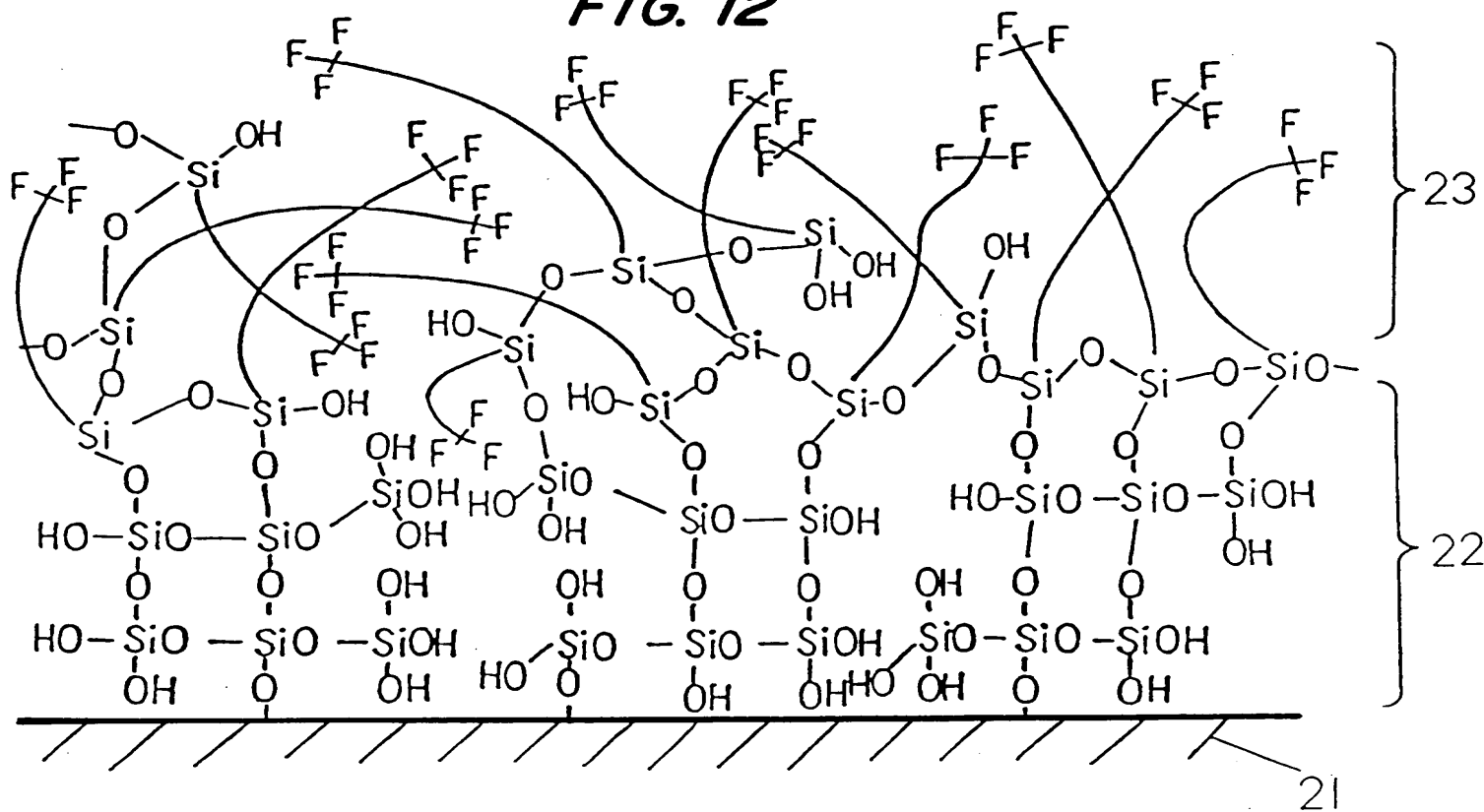


FIG. 13

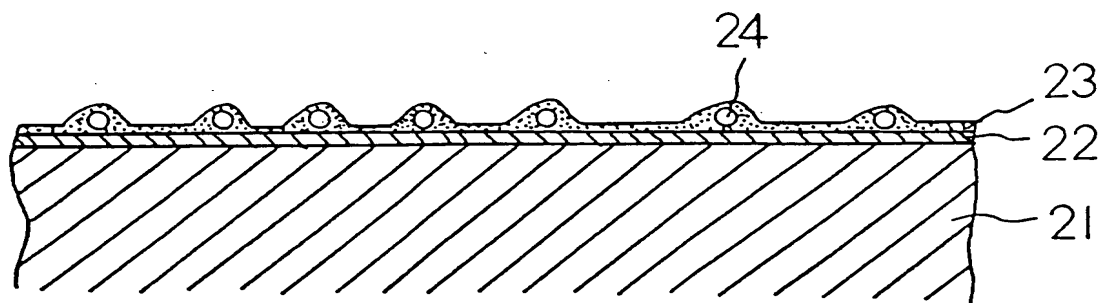


FIG. 14

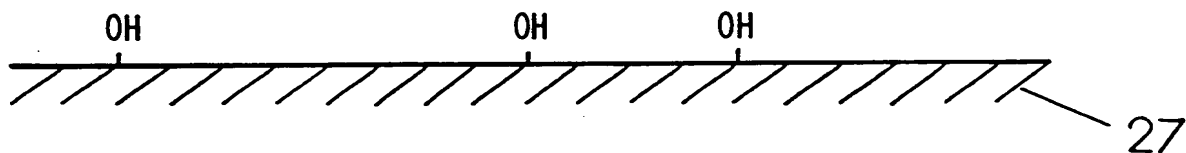


FIG. 15

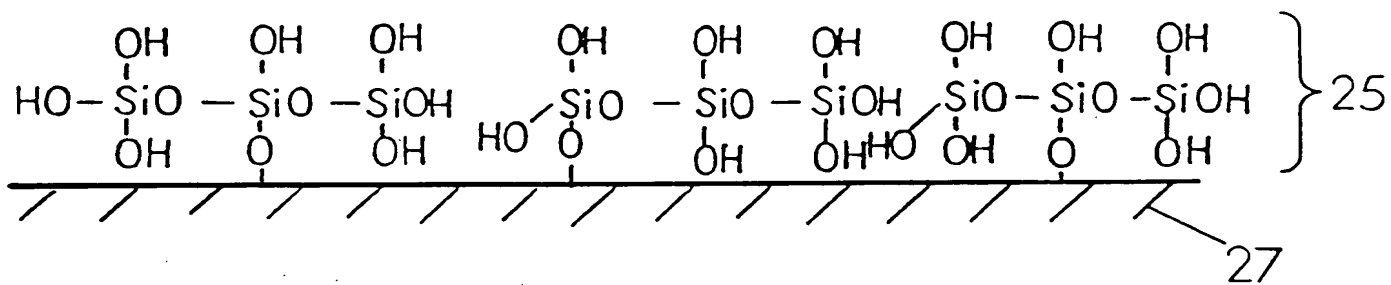


FIG. 16

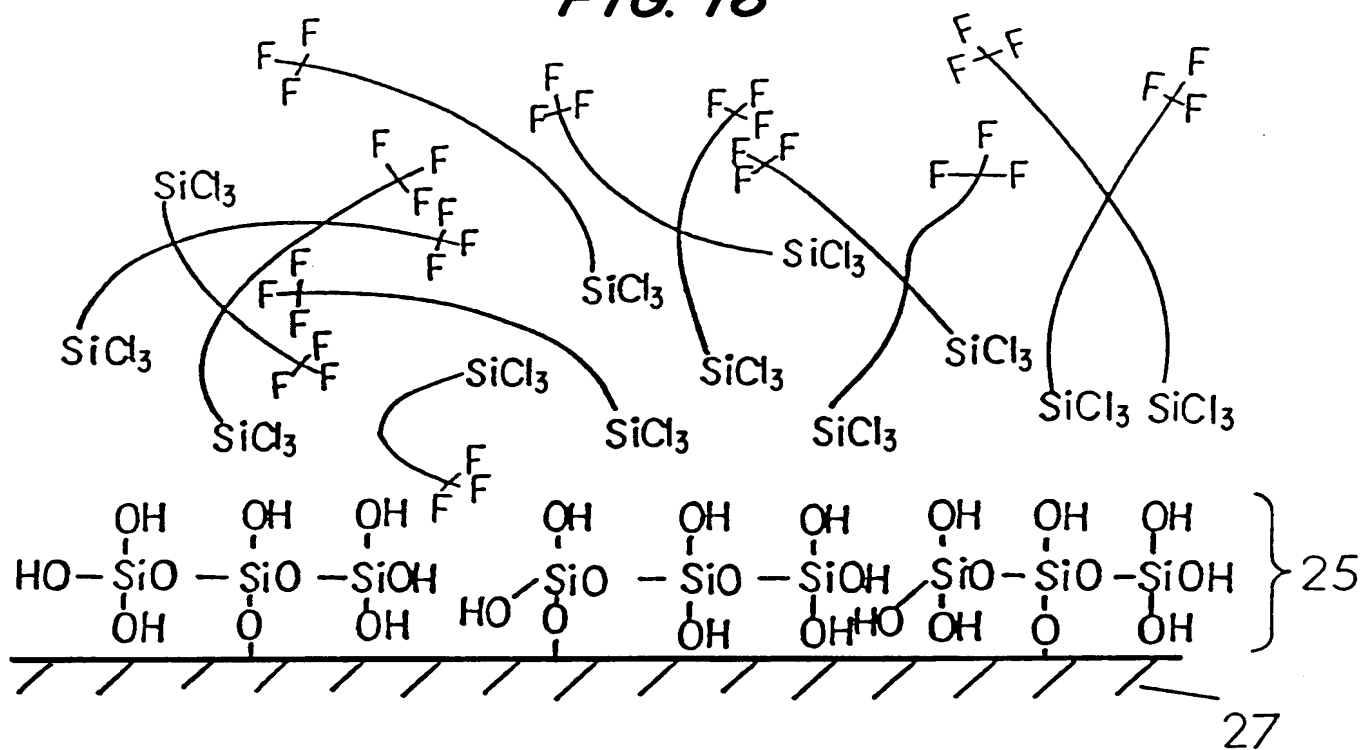


FIG. 17

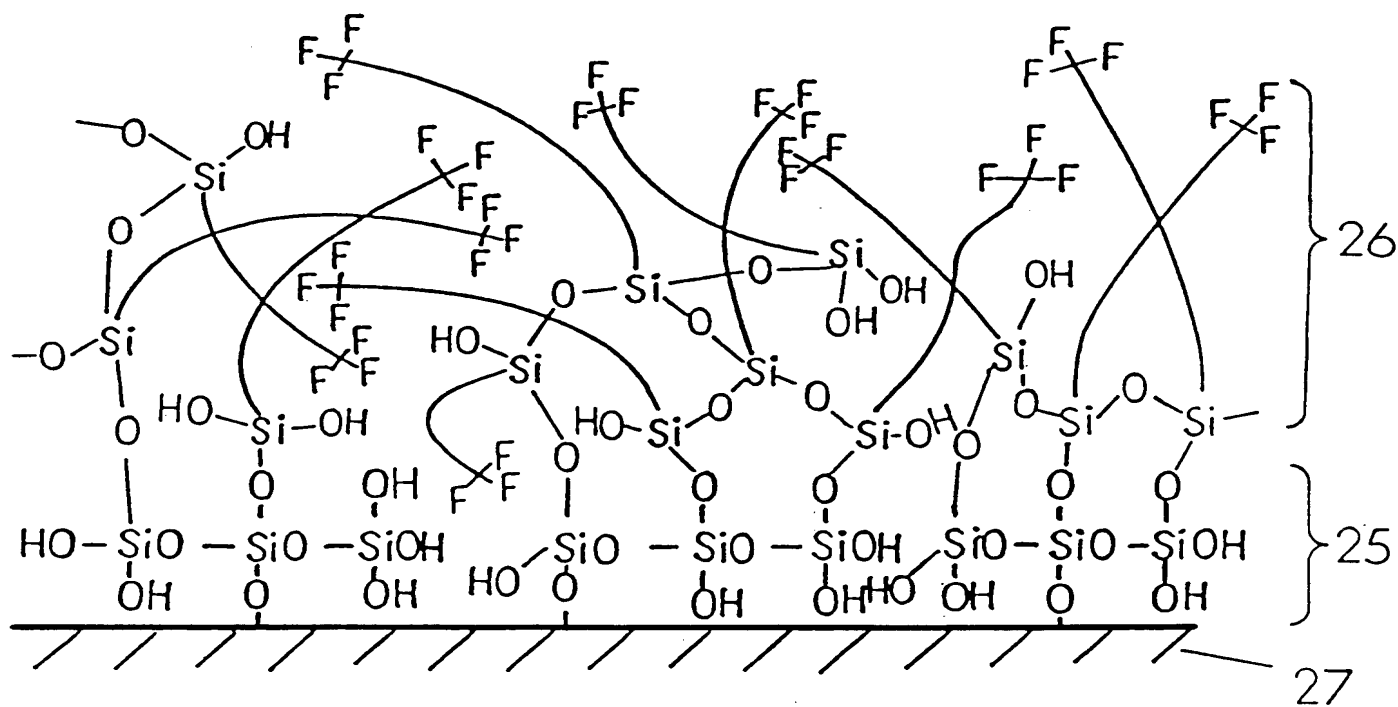


FIG. 18

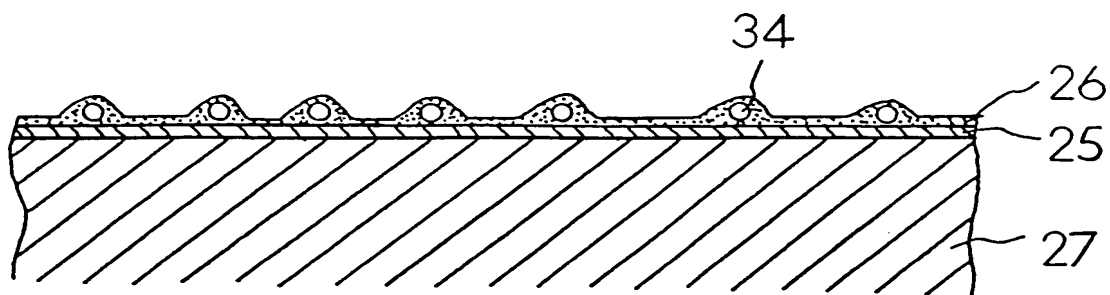


FIG. 19

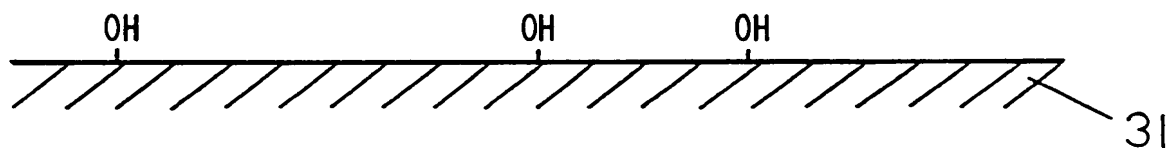


FIG. 20

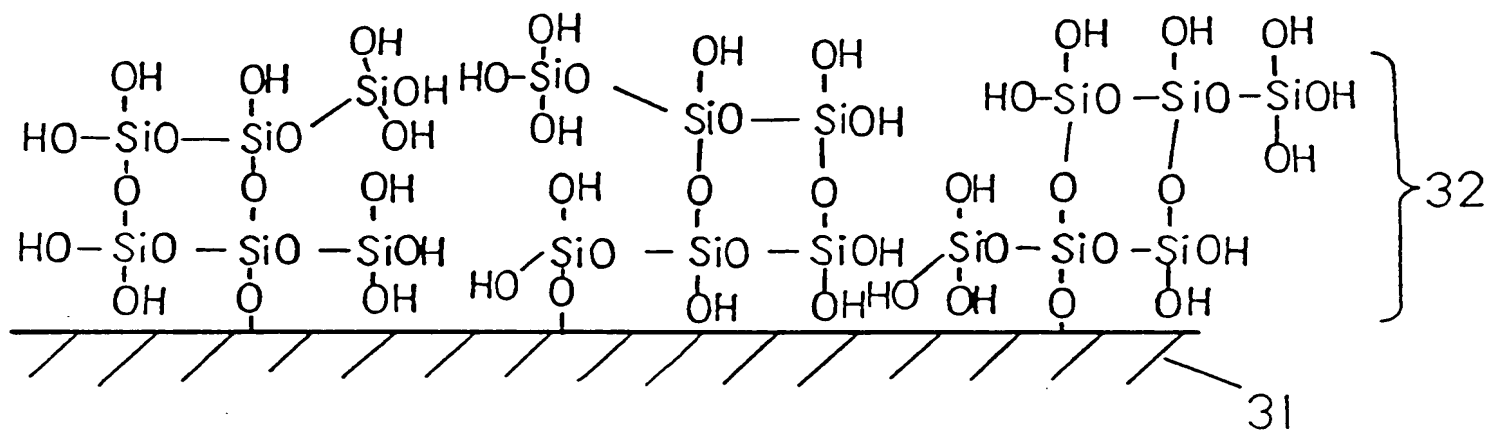


FIG. 21

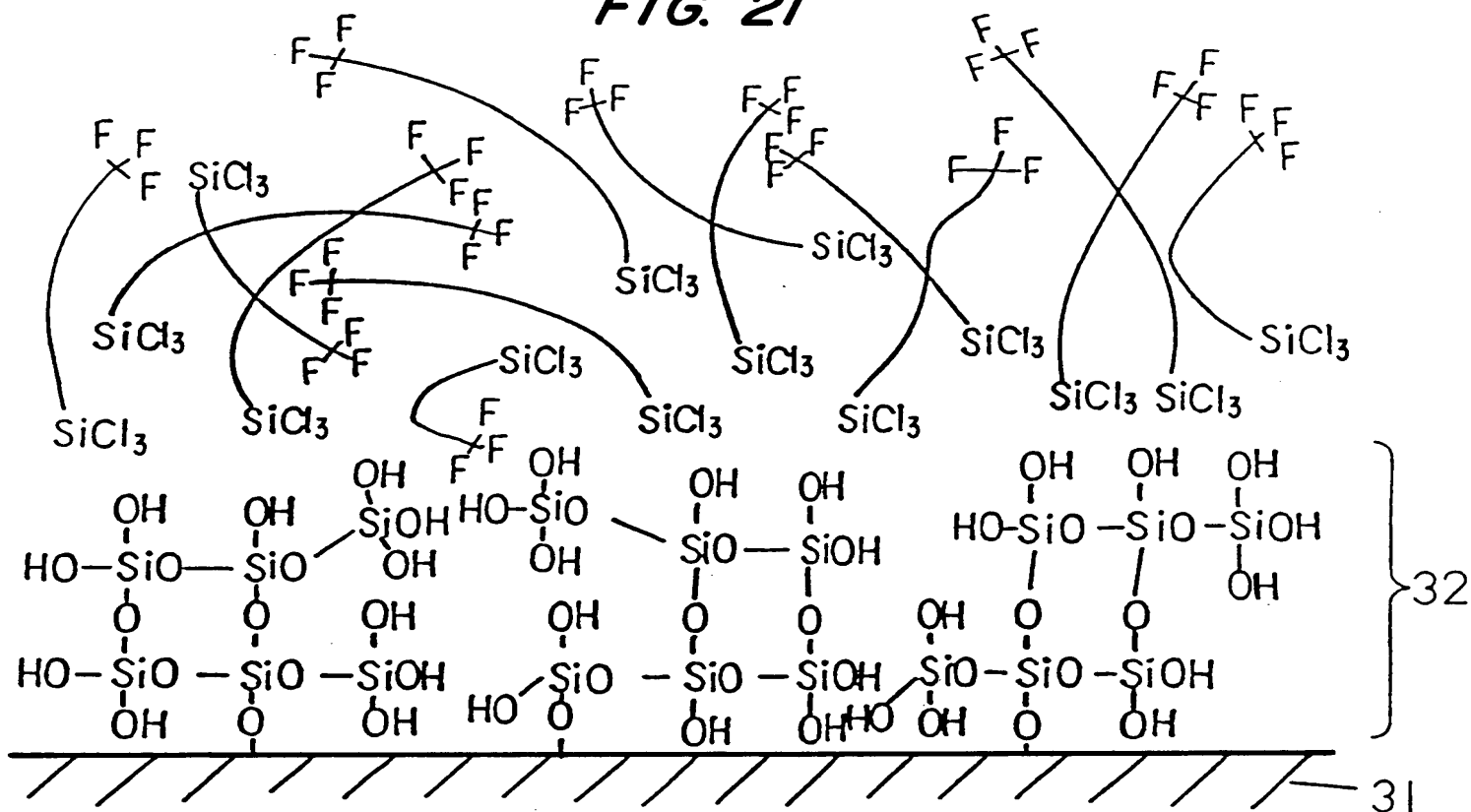


FIG. 22

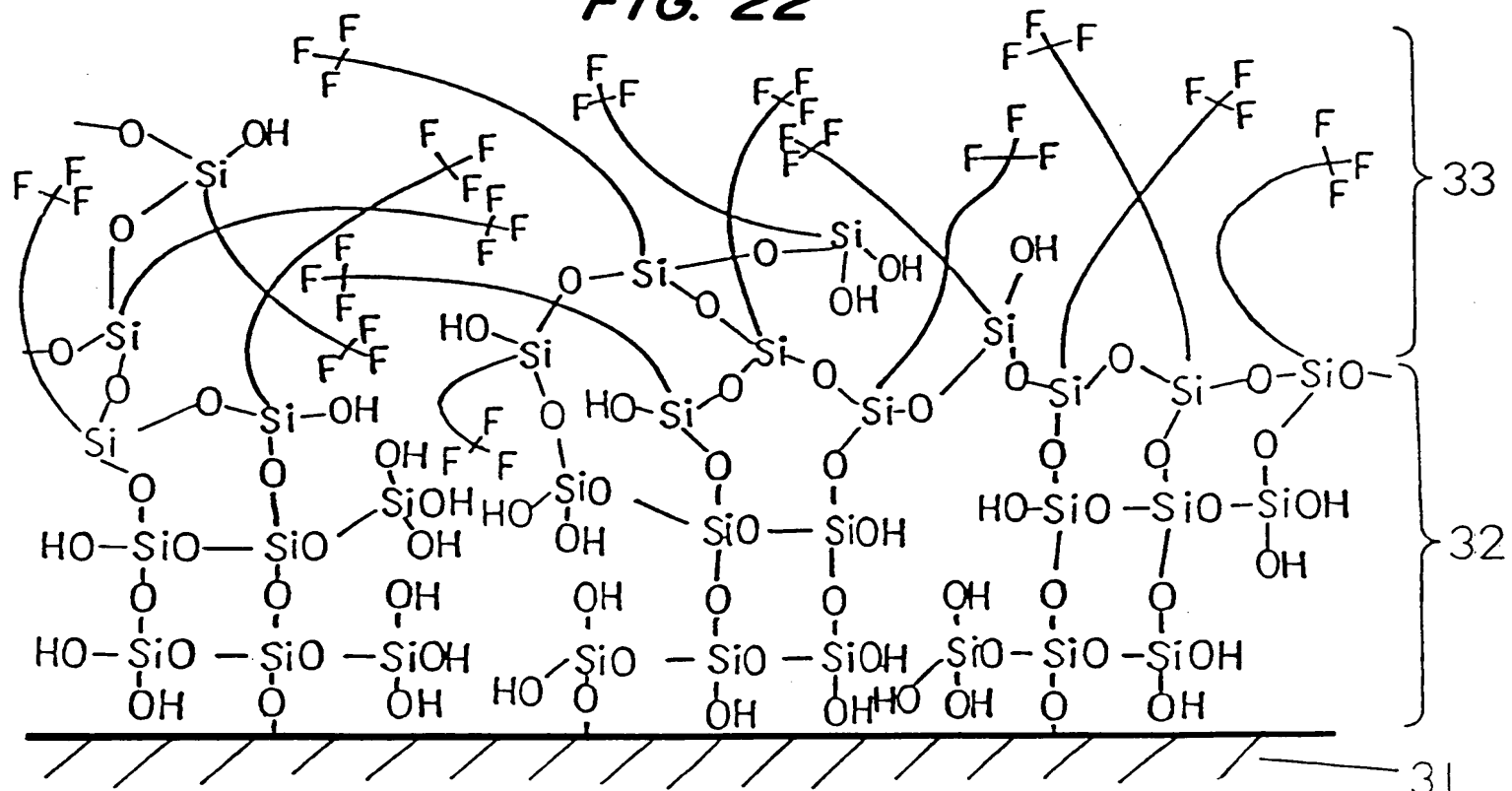


FIG. 23

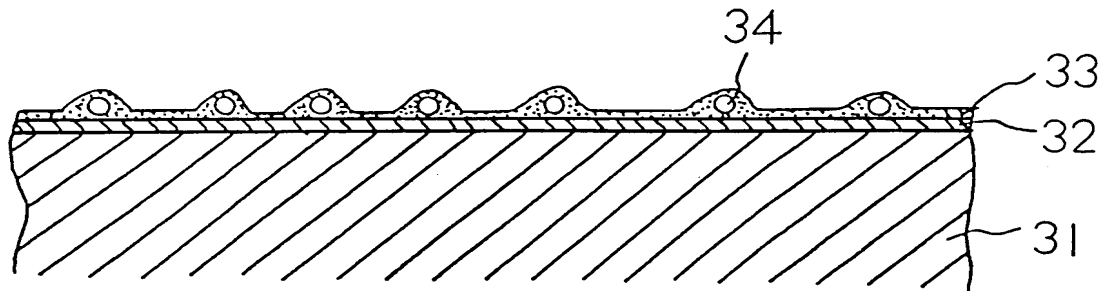


FIG. 24

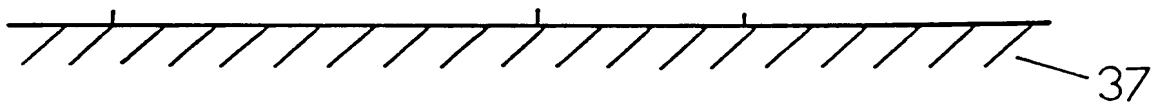


FIG. 25

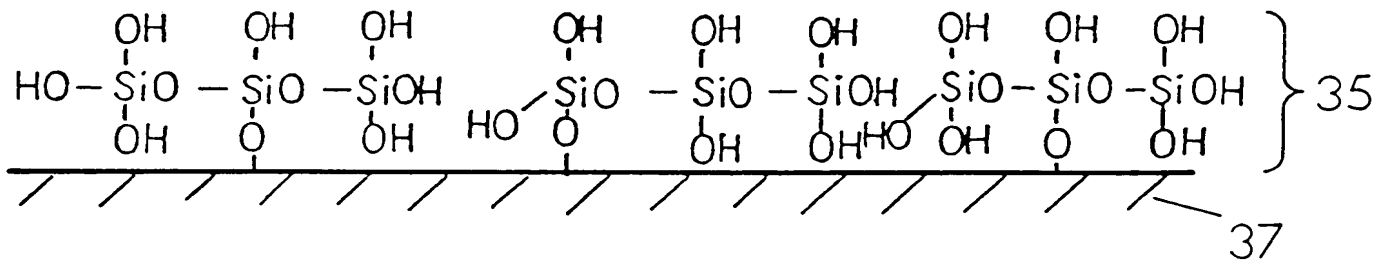


FIG. 26

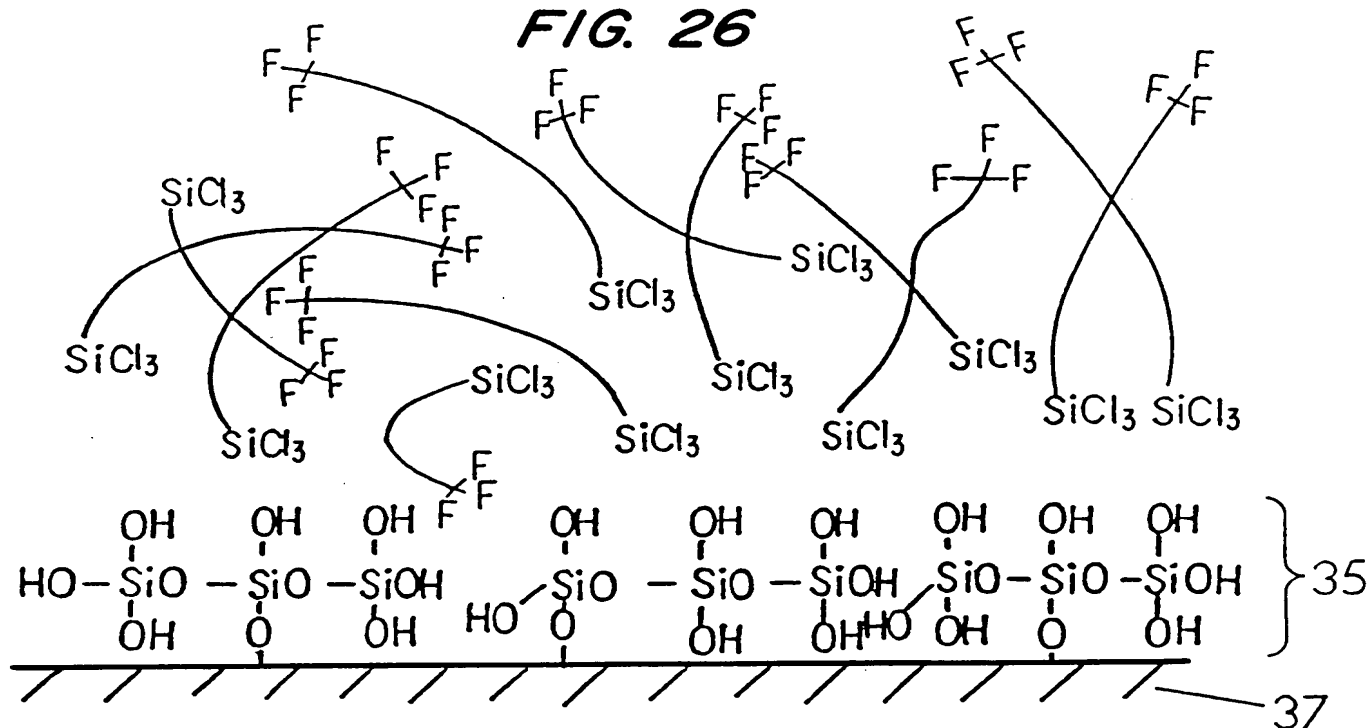


FIG. 27

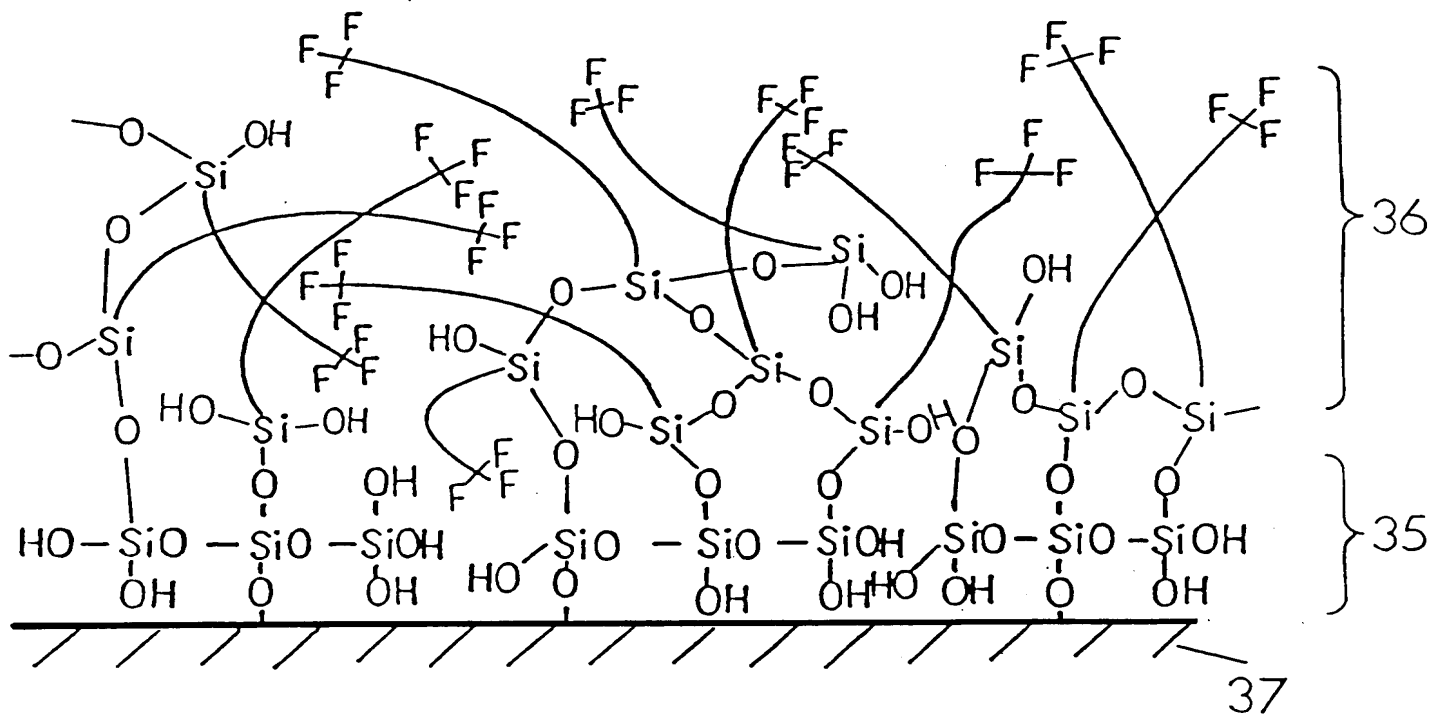


FIG. 28

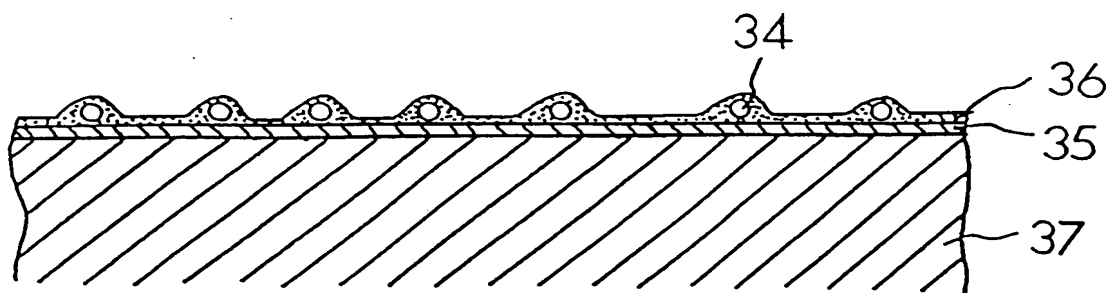


FIG. 29

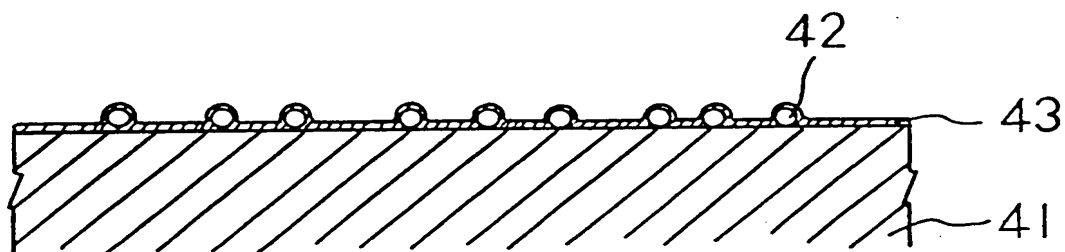


FIG. 30

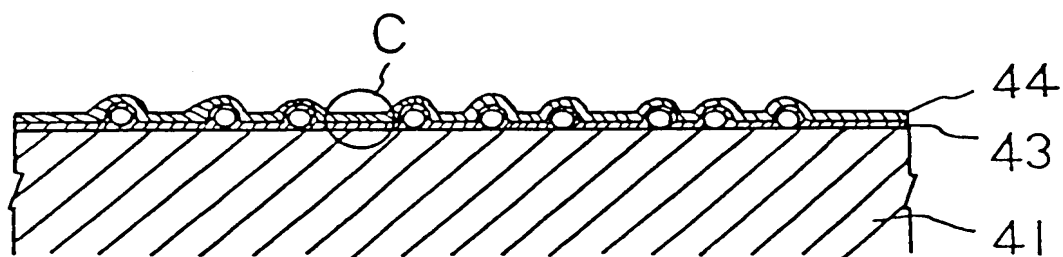


FIG. 31

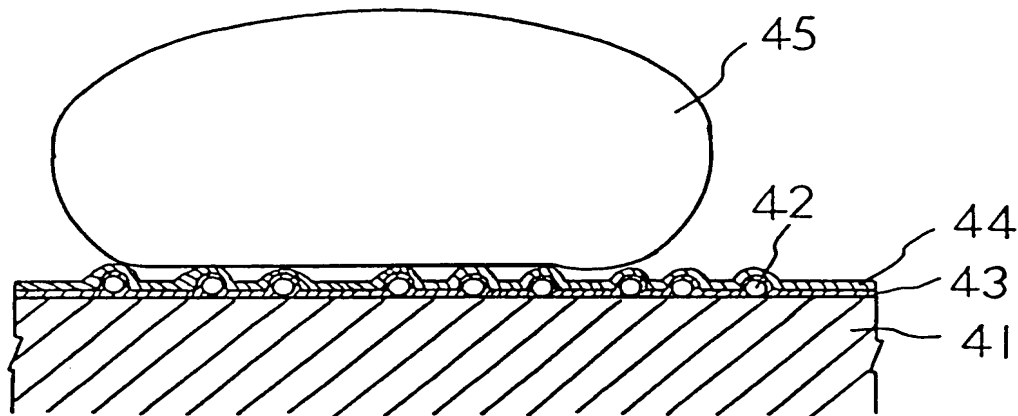


FIG. 32

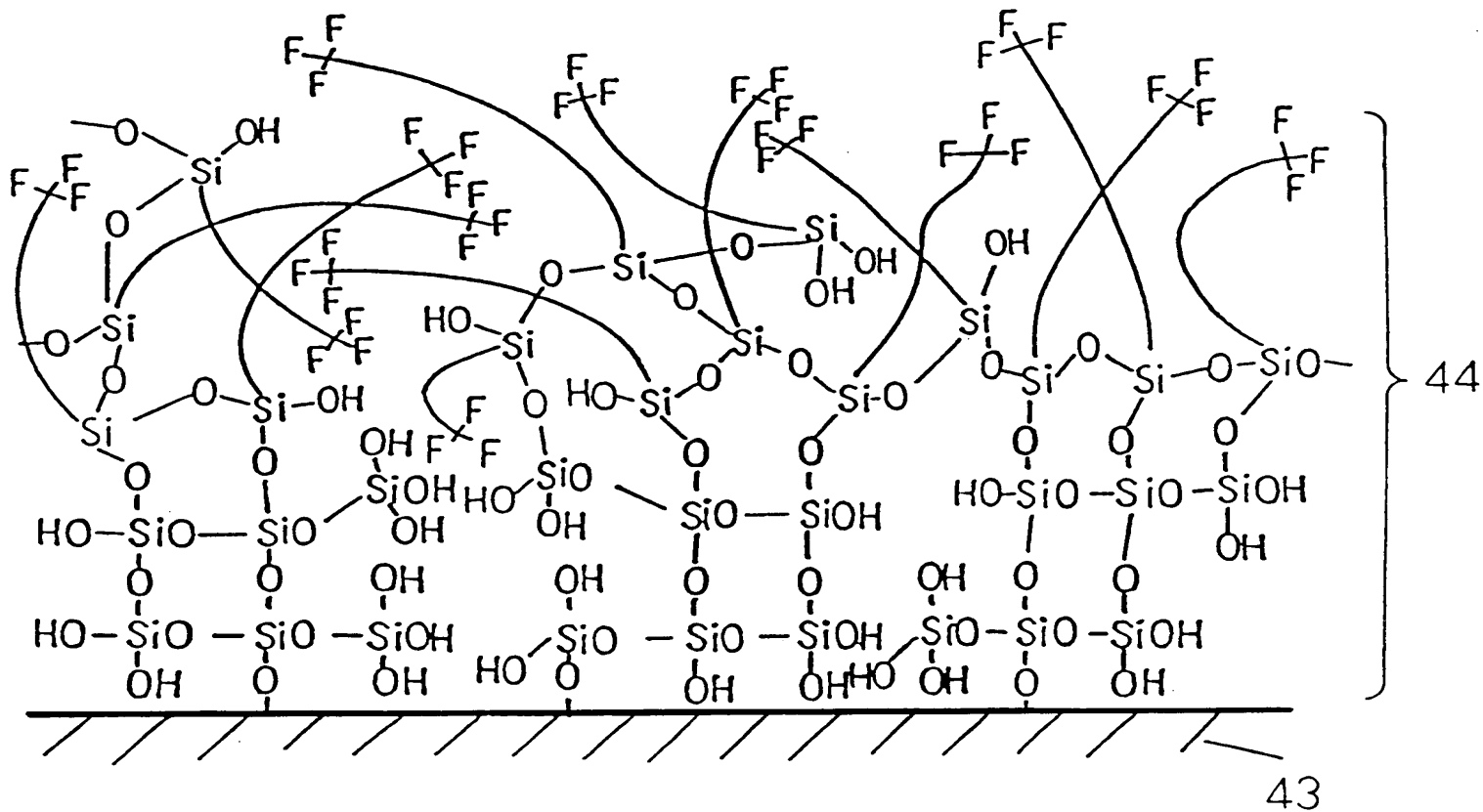




FIG. 36

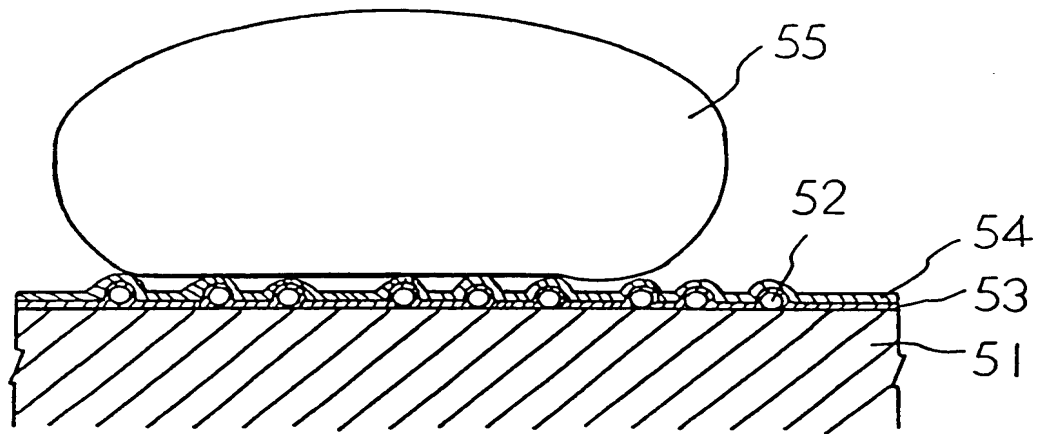


FIG. 37

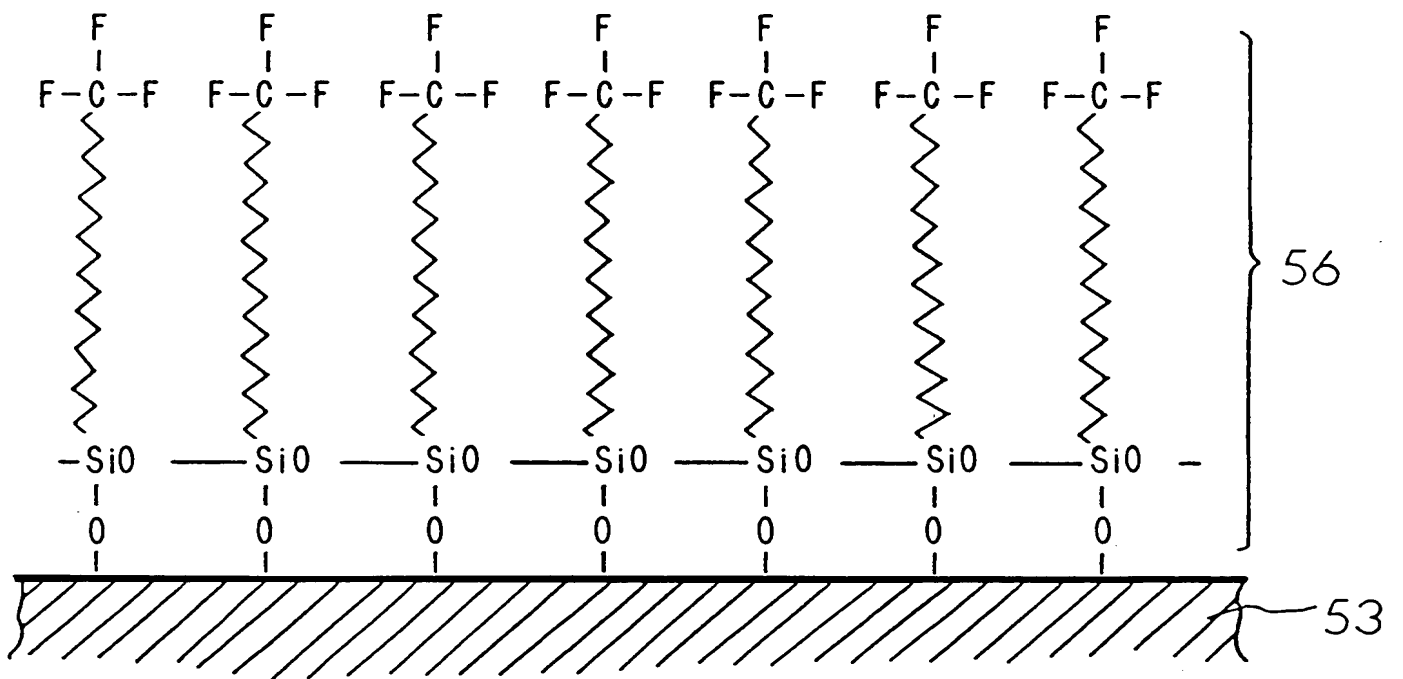


FIG. 38

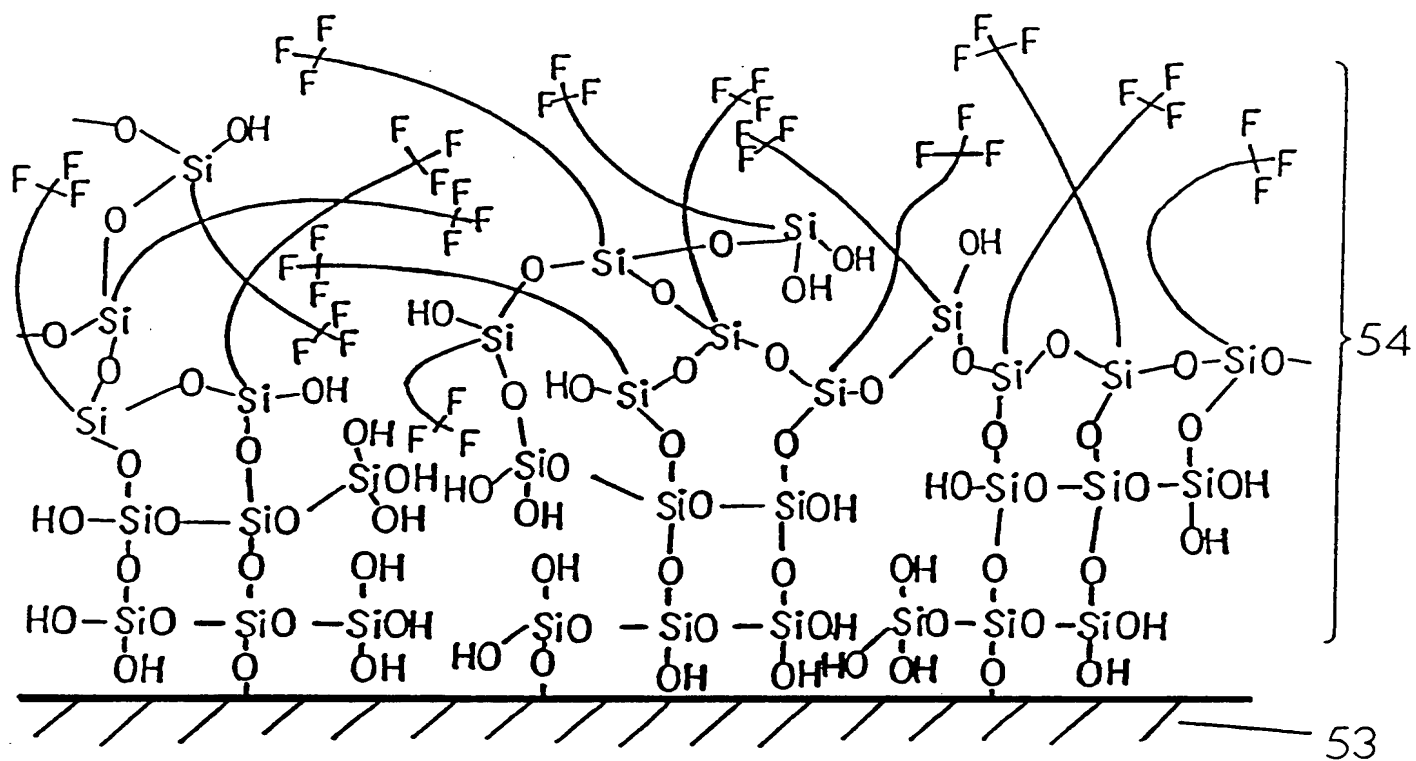
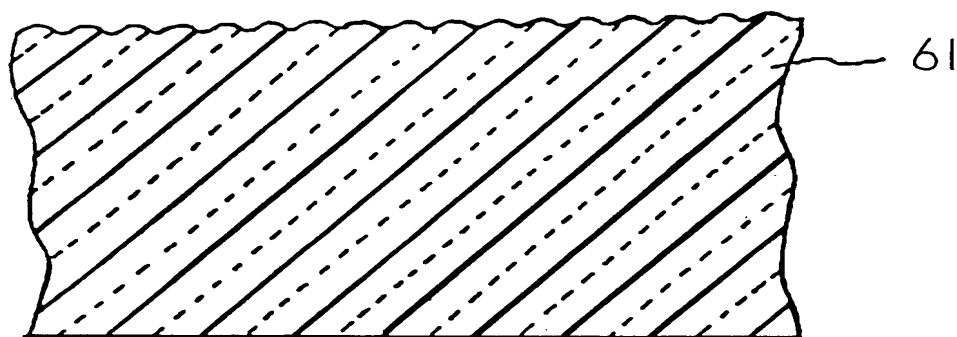


FIG. 39



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FIG. 40

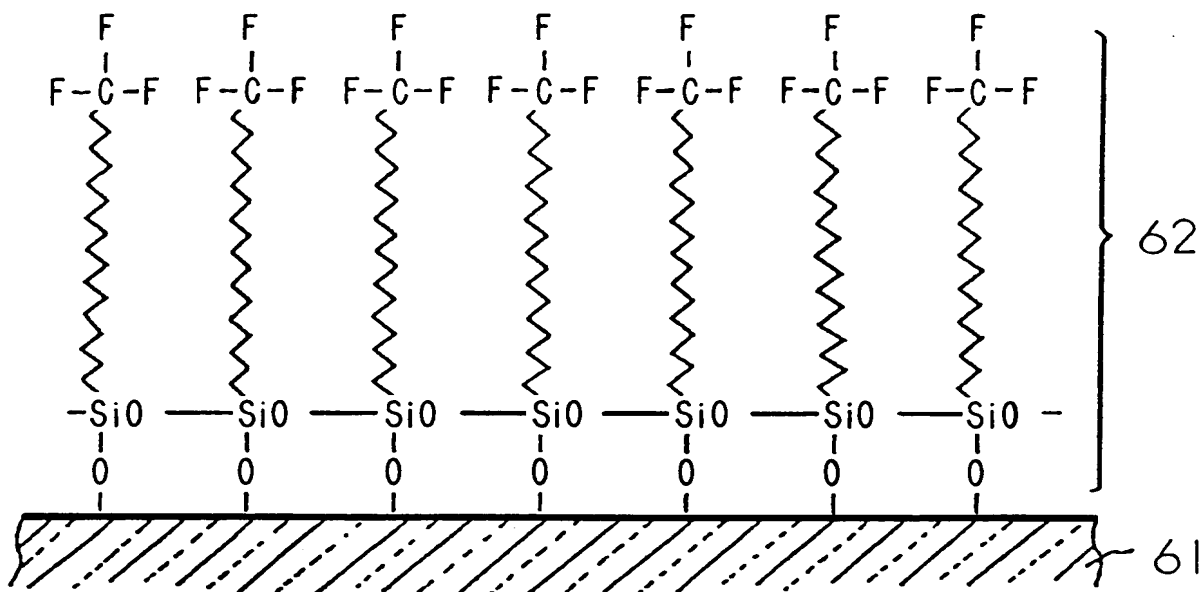


FIG. 41

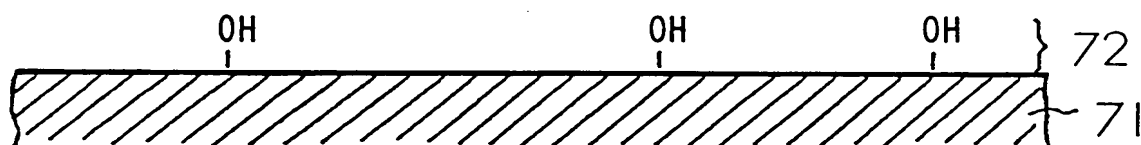


FIG. 42

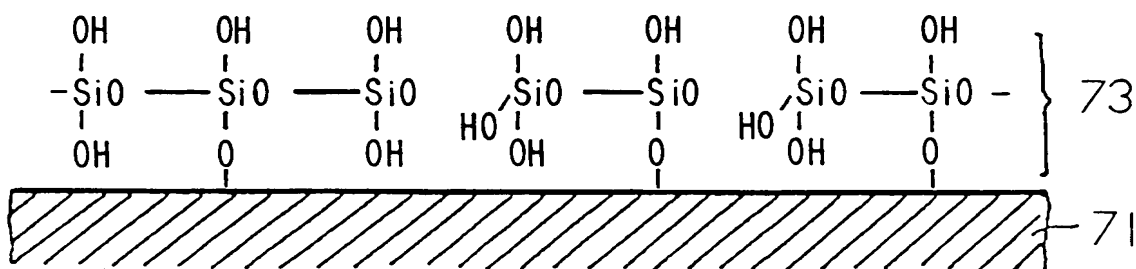




FIG. 45(a)

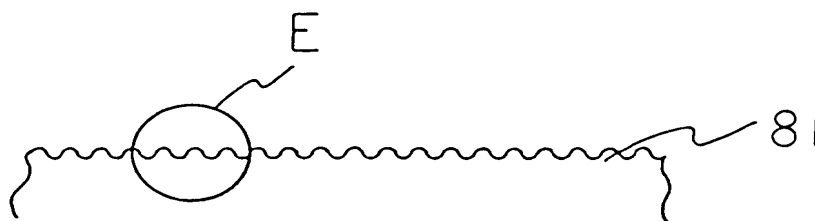


FIG. 45(b)

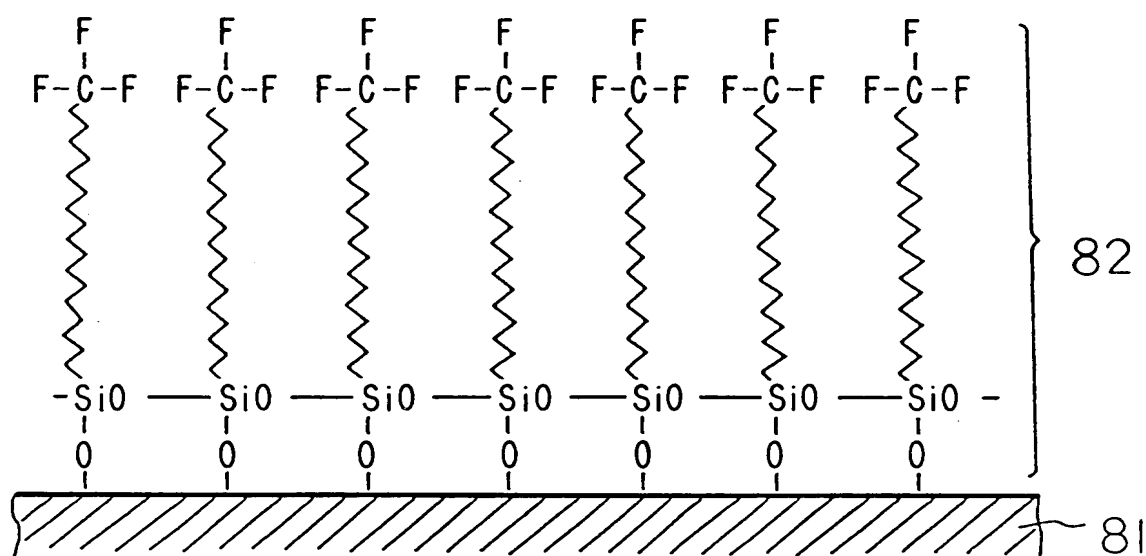


FIG. 46(a)

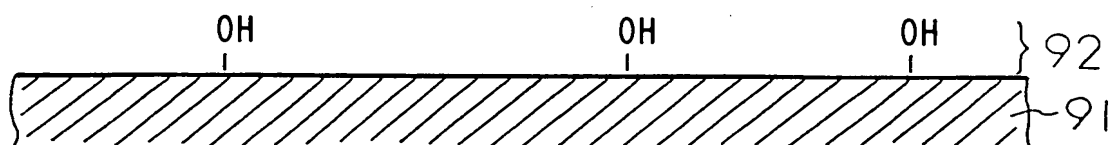


FIG. 46(b)

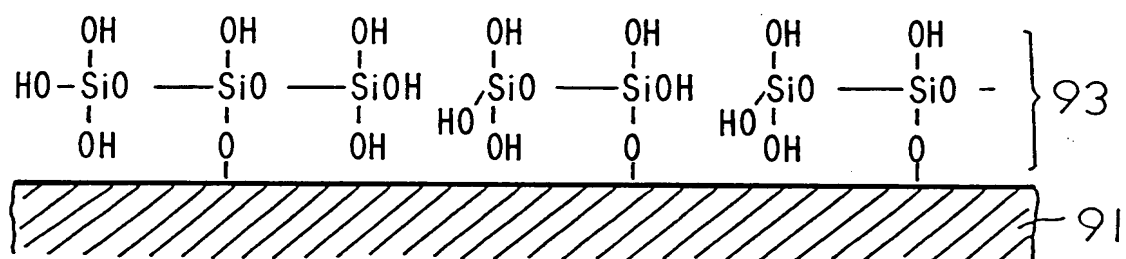


FIG. 46(c)

